

US-PAT-NO: 5969753

DOCUMENT-IDENTIFIER: US 5969753 A

TITLE: Method and system for
detecting errors in a sample image

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Brief Summary Text - BSTX (15):

An object of the present invention is to provide
a method and system for
detecting errors in a sample image of an object
utilizing a template comparison
analysis having a probability image which is
independent of the values (i.e.
intensities) of the pixels in the sample image.

ackground removal for enabling an **object to be automatically detected** minutely and accurately as far as contours as claimed in claim 3, wherein said sectional **image** selection process selects a sectional **image** whose standard deviation is of the most nearest value of the standard deviation of the prescribed characteristic value instructed beforehand among sectional **images** whose absolute value of the skewness of the prescribed characteristic value is less than the threshold value, thus judging the sectional **image** concerned as the sectional **image** whose **probability** of including only the background is high.

Claims Text - CLTX (7):

7. A method of **object** detectable and background removal for enabling an **object to be automatically detected** minutely and accurately as far as contours as claimed in claim 3, wherein said sectional **image** selection process selects sectional **images** in answer to specified number in order of the most nearest value to the standard deviation of the prescribed characteristic value instructed beforehand among sectional **images** whose absolute value of skewness of the prescribed characteristic value is less than the threshold, thus judging the sectional **image** concerned as the sectional **image** whose **probability** of including only the background is high.

Claims Text - CLTX (8):

8. A method of **object** detectable and background